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FIG. 1

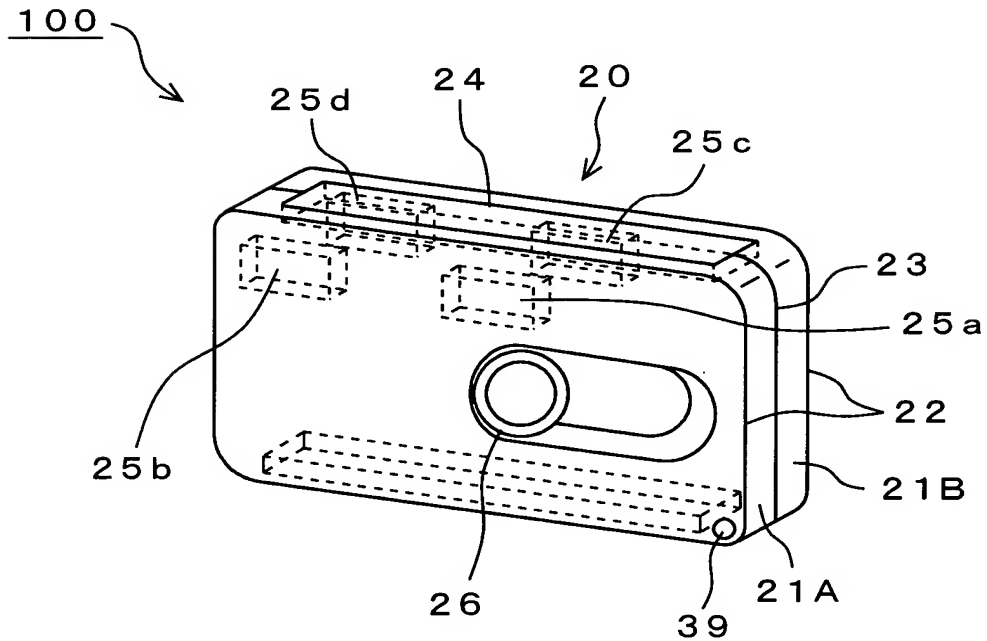
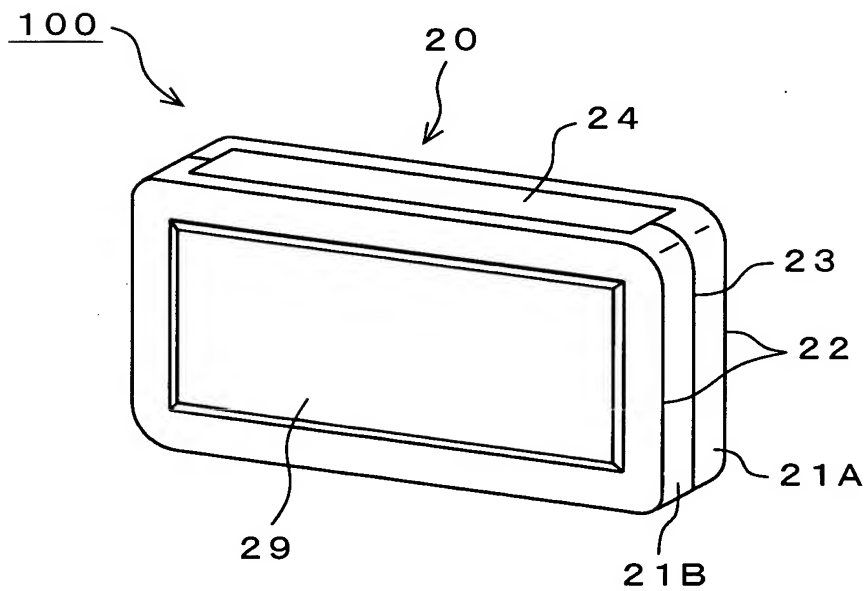


FIG. 2



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FIG. 3A

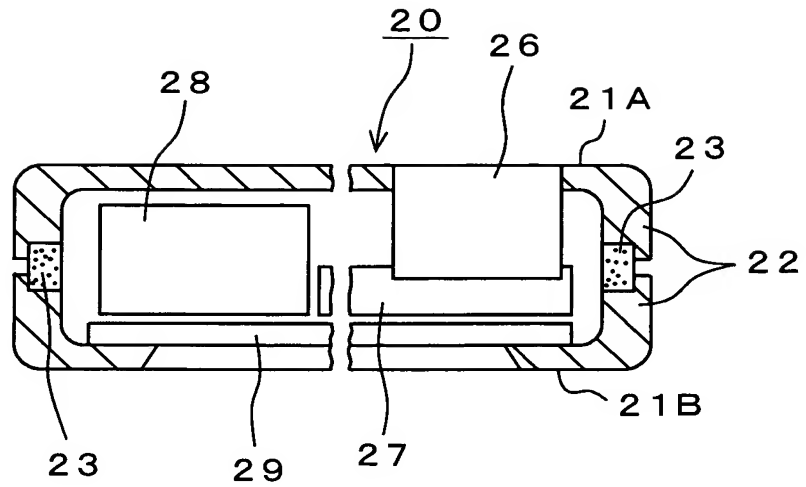
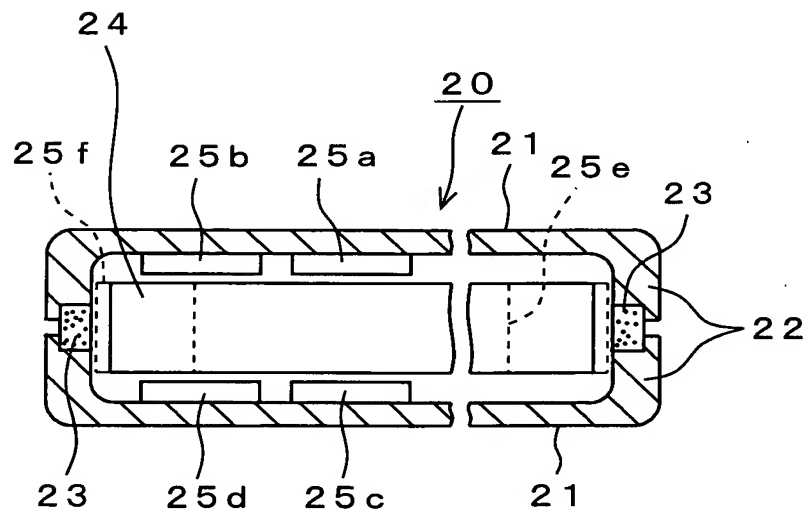
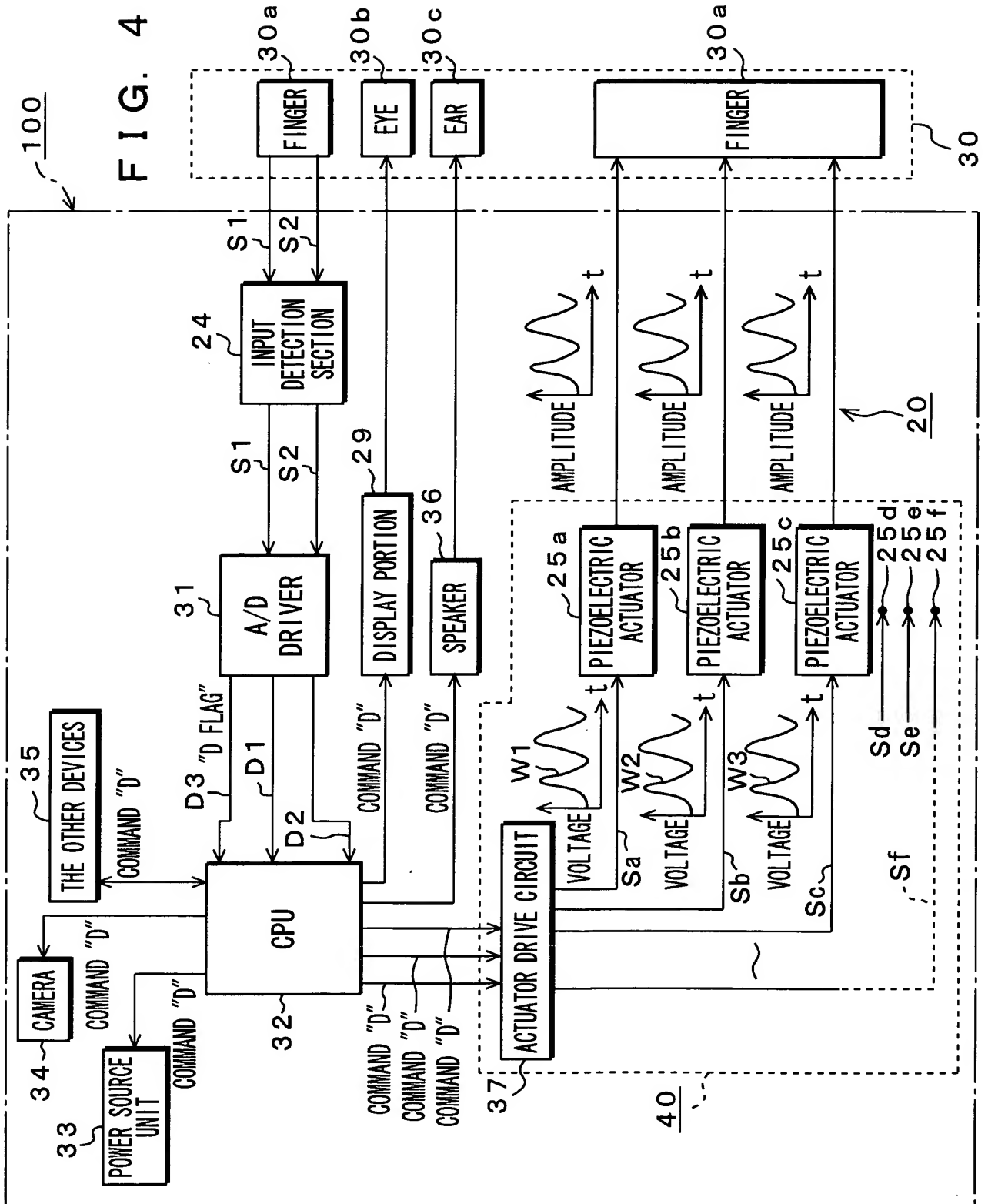


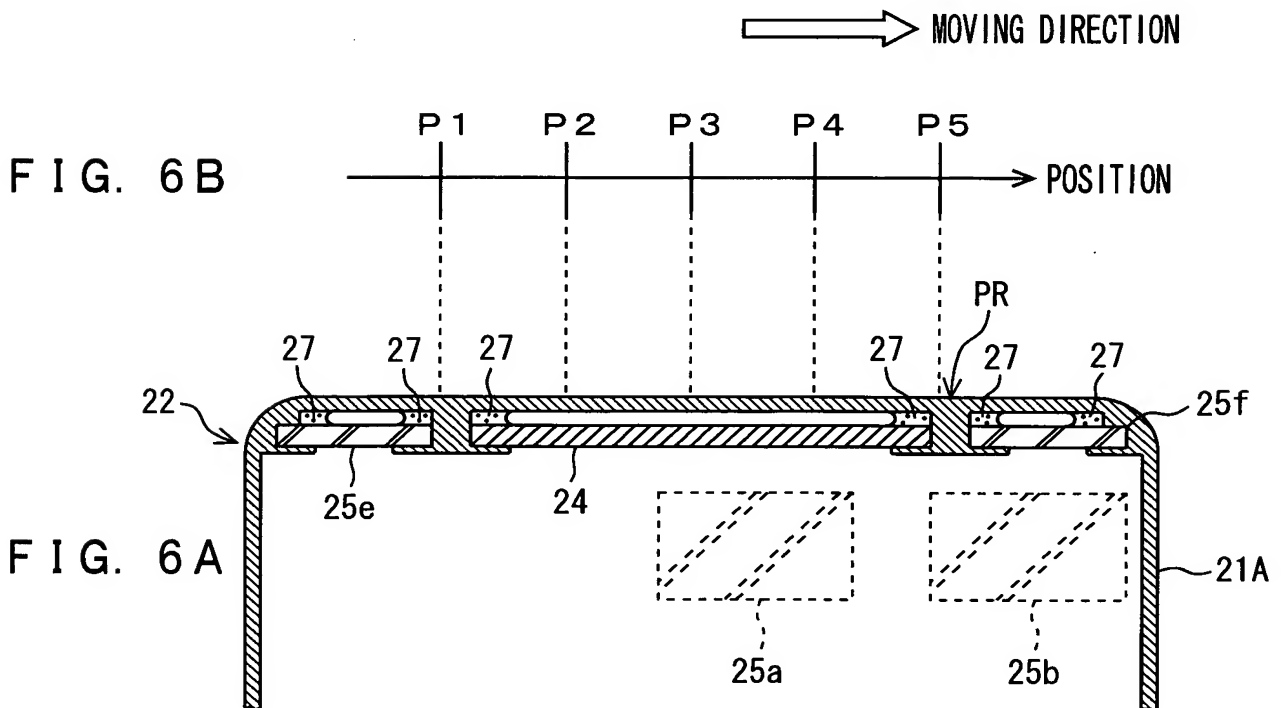
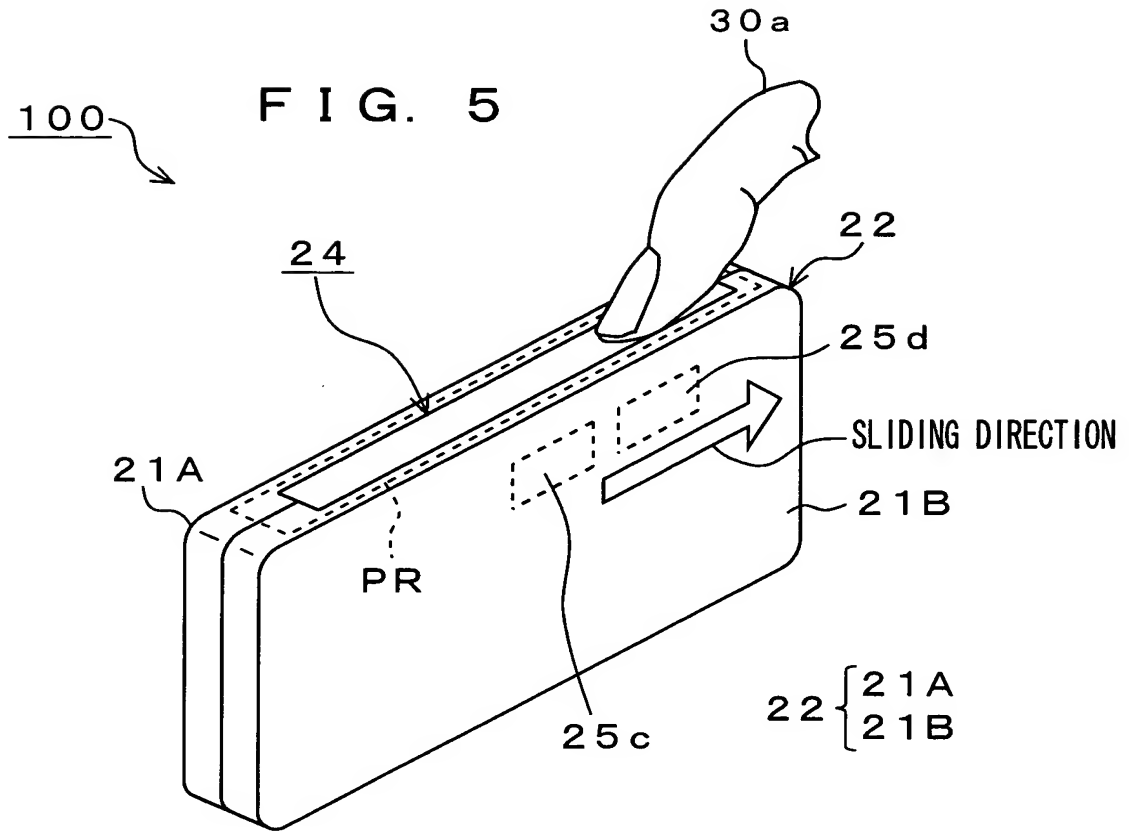
FIG. 3B



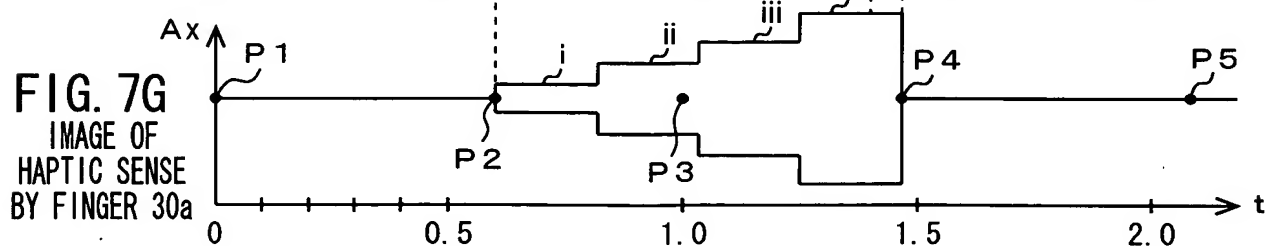
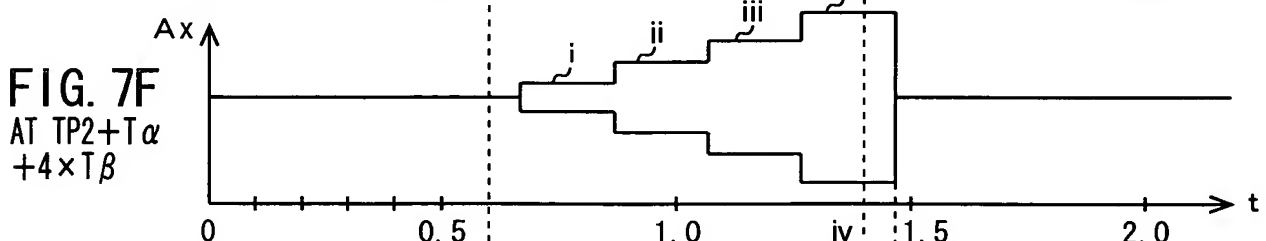
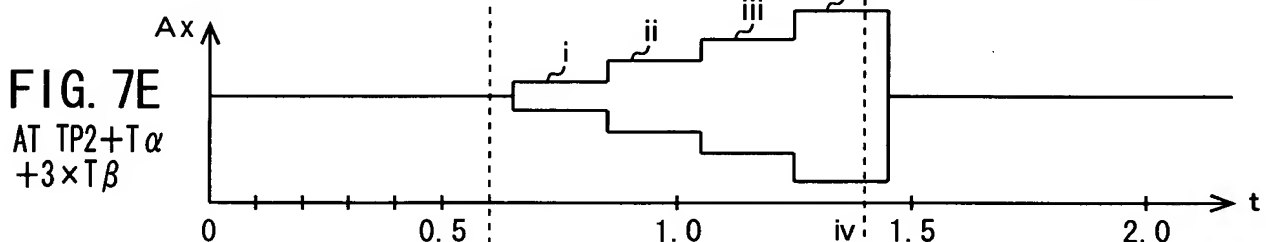
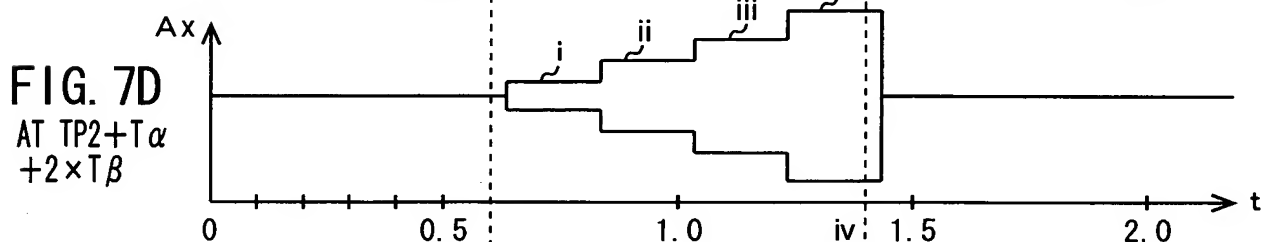
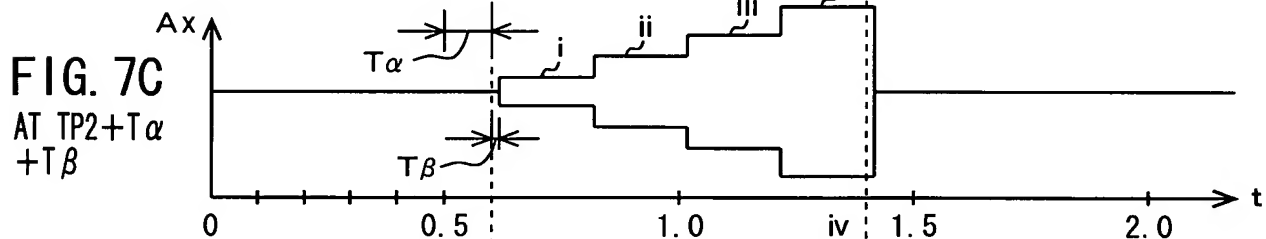
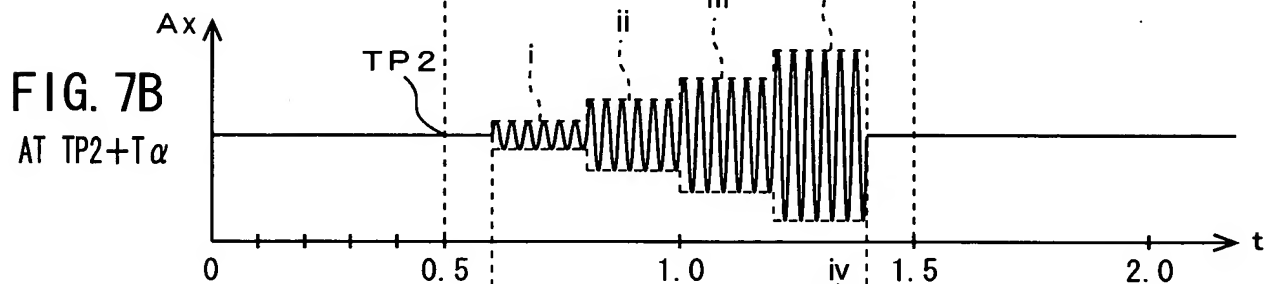
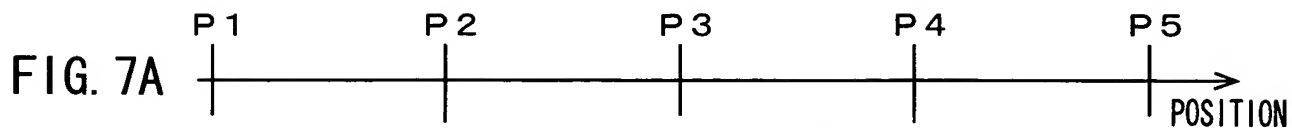
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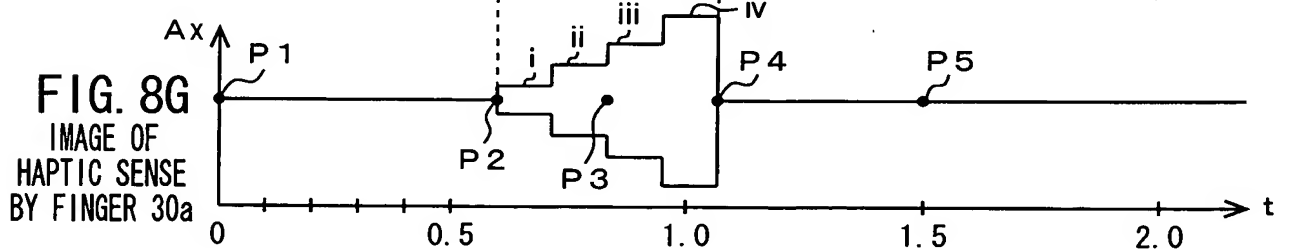
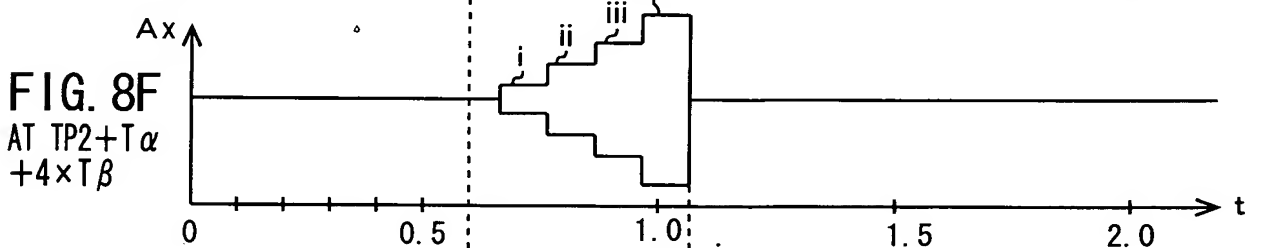
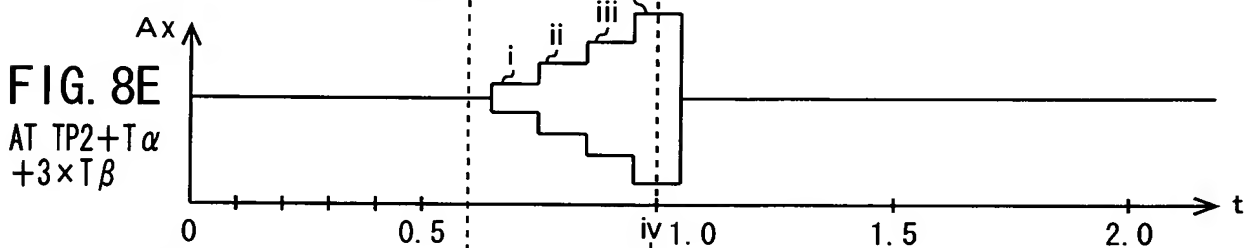
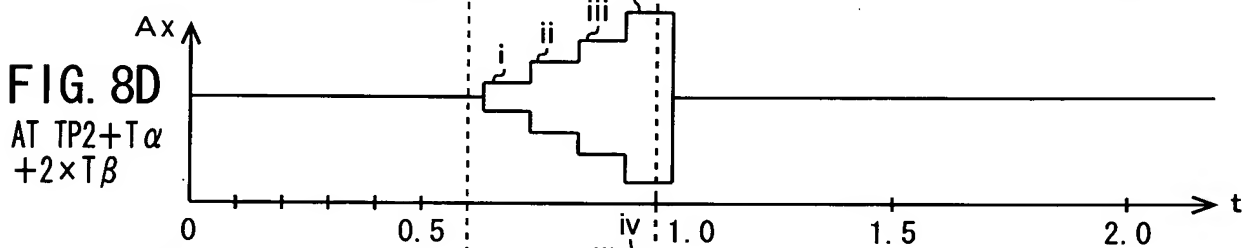
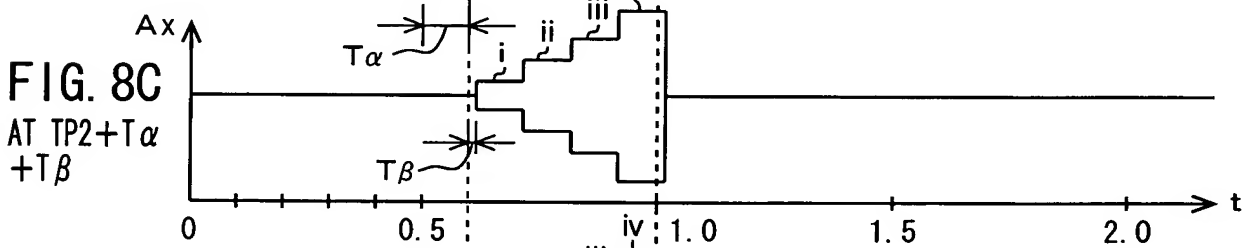
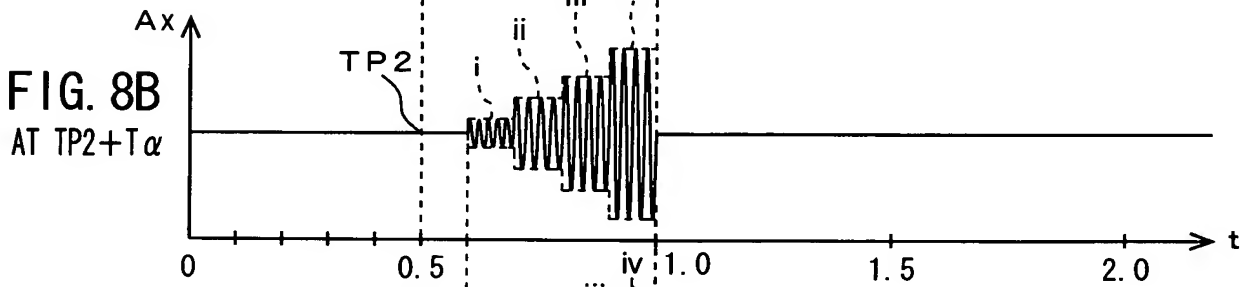
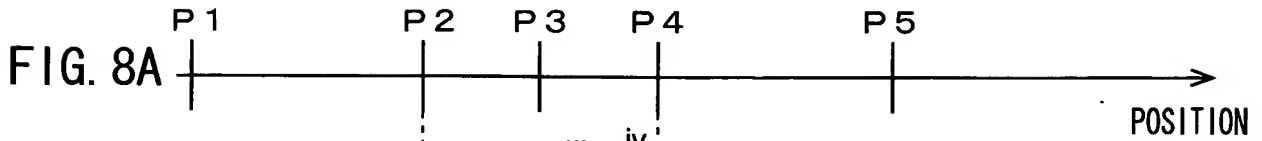
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FIG. 9A
ACTUATOR 25e
AT SPEED V1

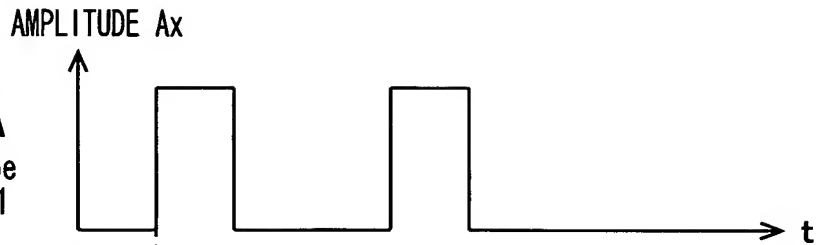


FIG. 9B
ACTUATOR 25f
AT SPEED V1

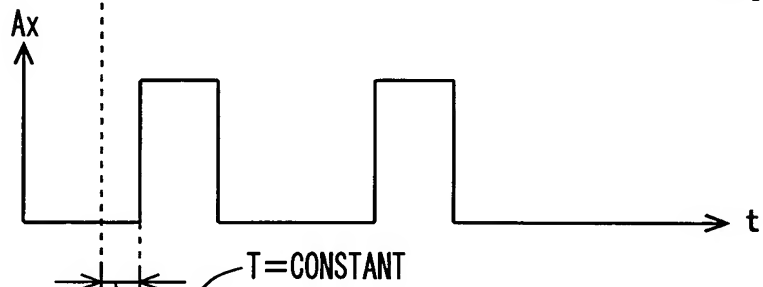


FIG. 9C
LAPSE OF
CONTACTING TIME



FIG. 9D
ACTUATOR 25e
AT SPEED V2

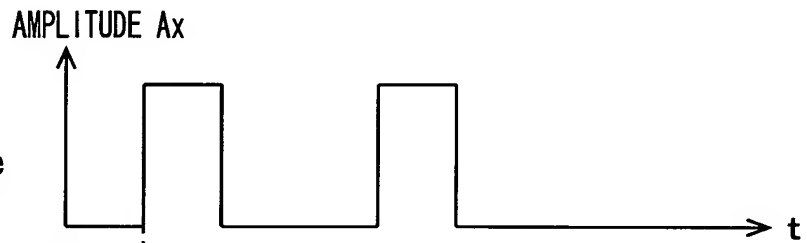


FIG. 9E
ACTUATOR 25f
AT SPEED V2

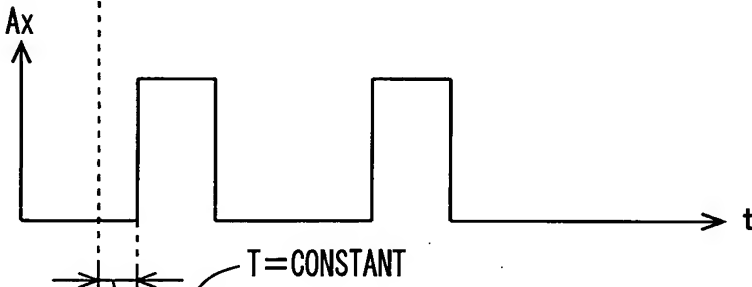
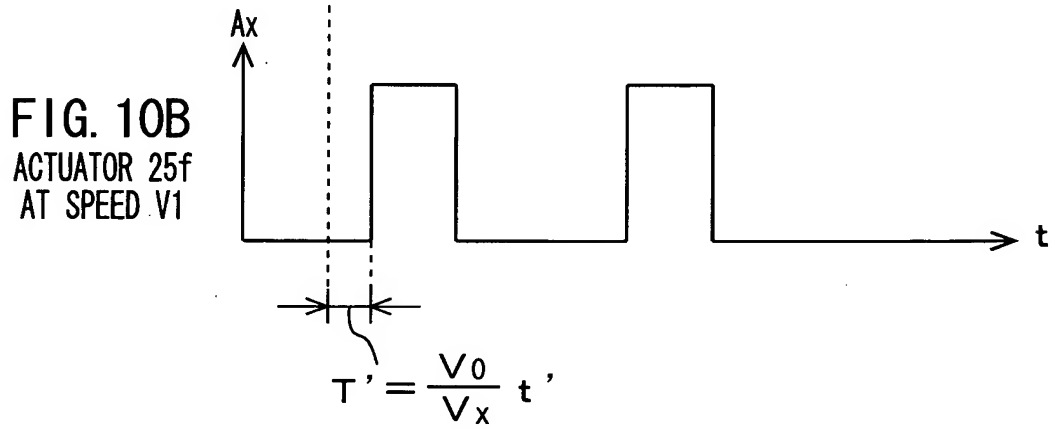
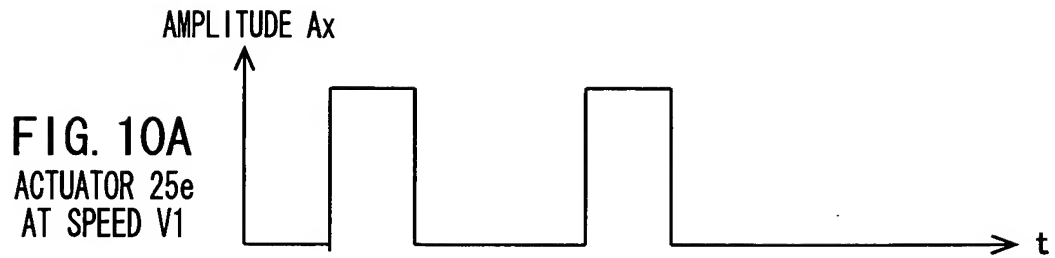


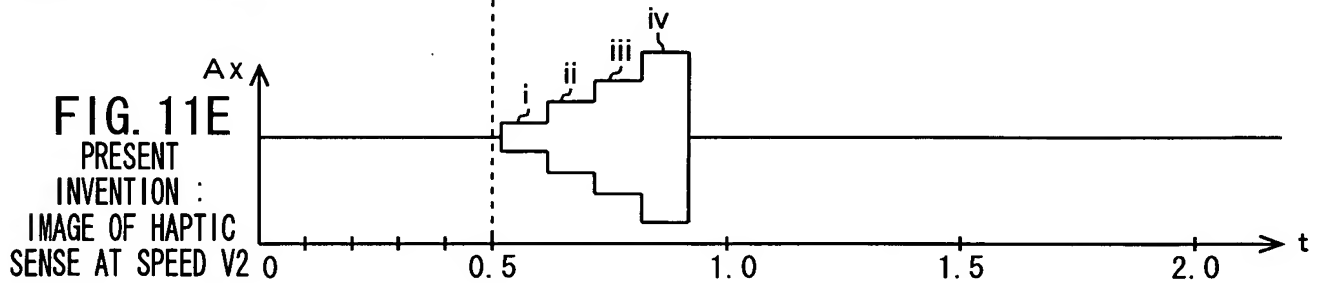
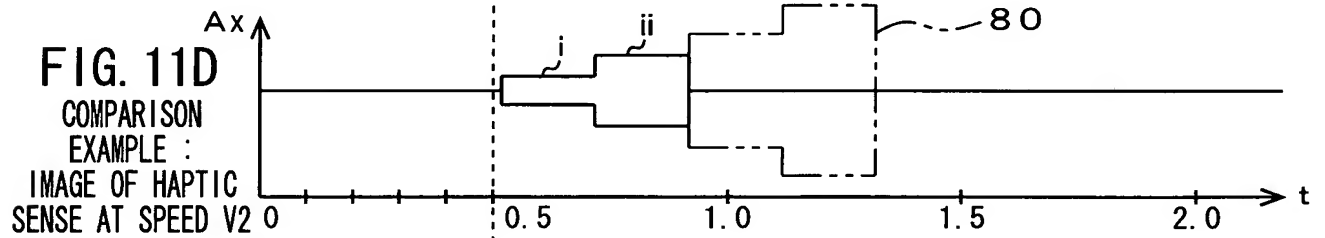
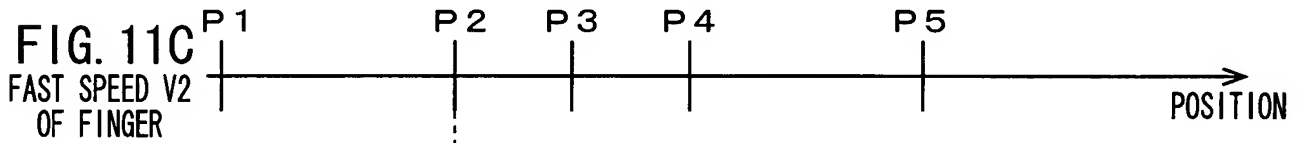
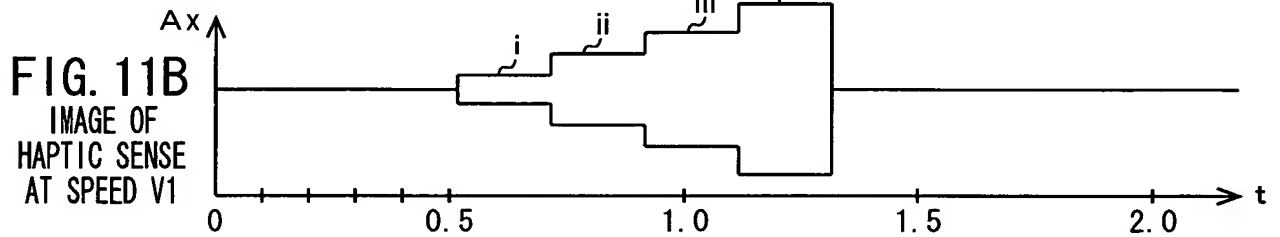
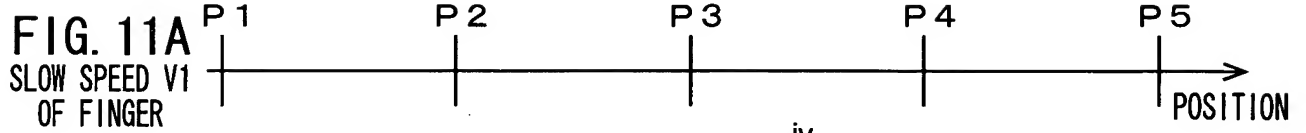
FIG. 9F
LAPSE OF
CONTACTING TIME



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FIG. 12A

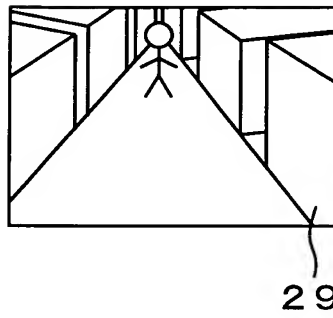


FIG. 12B

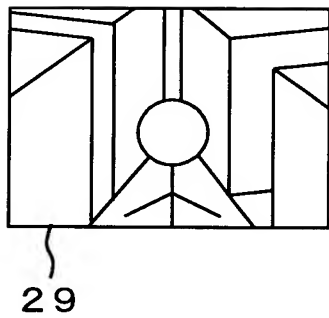
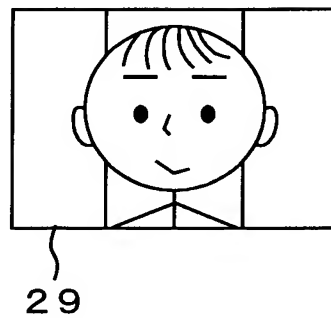


FIG. 12C



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FIG. 13A

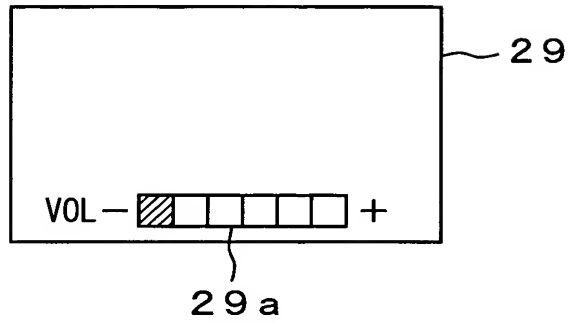


FIG. 13B

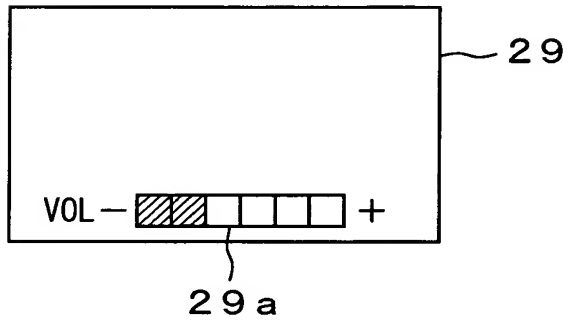
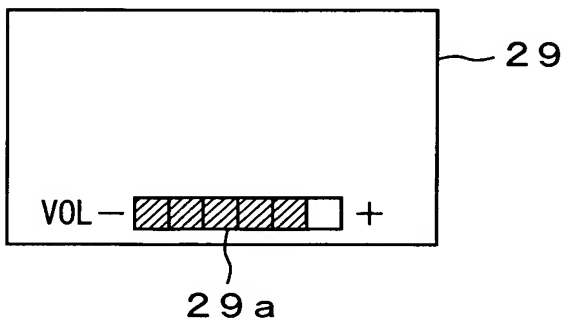
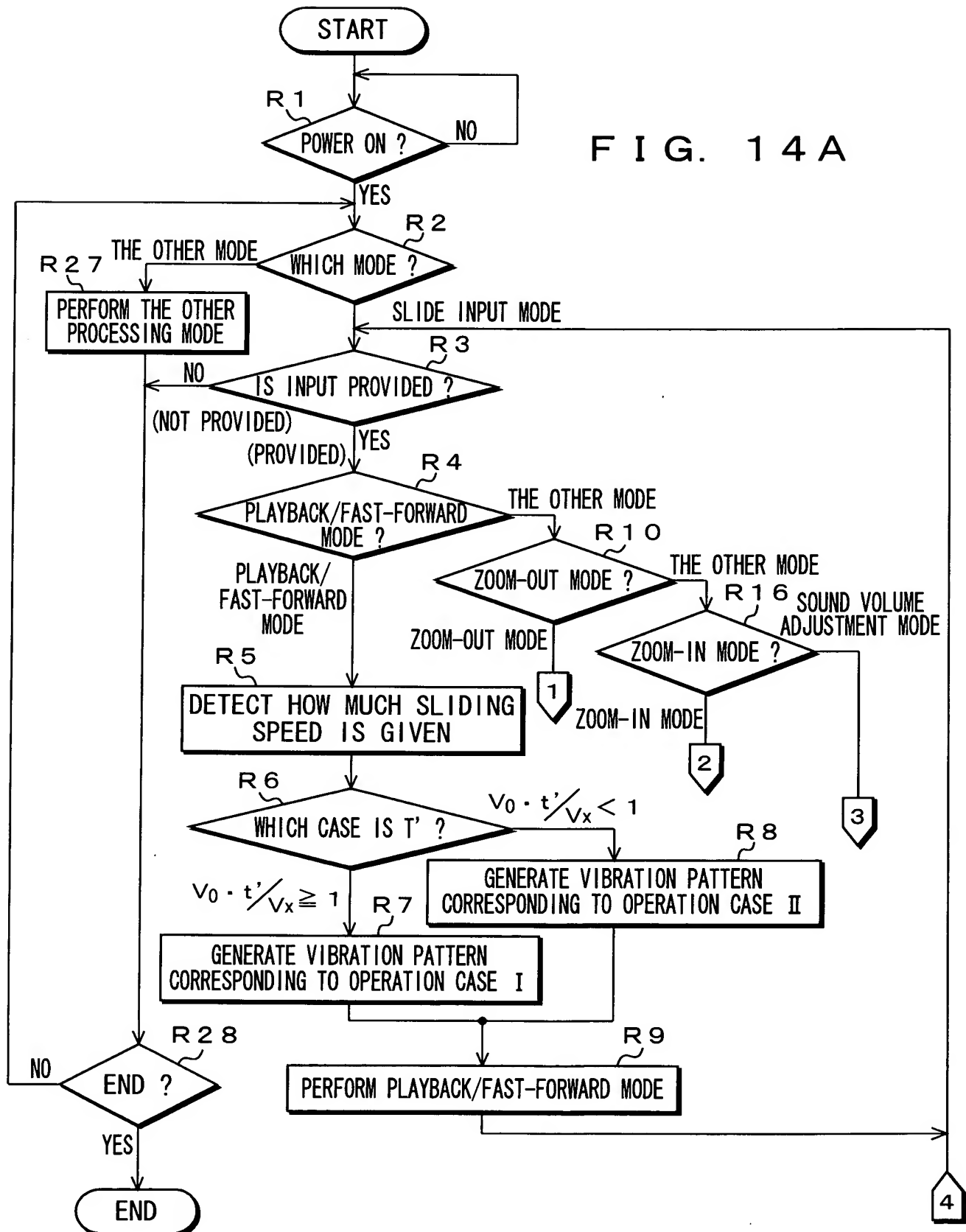


FIG. 13C

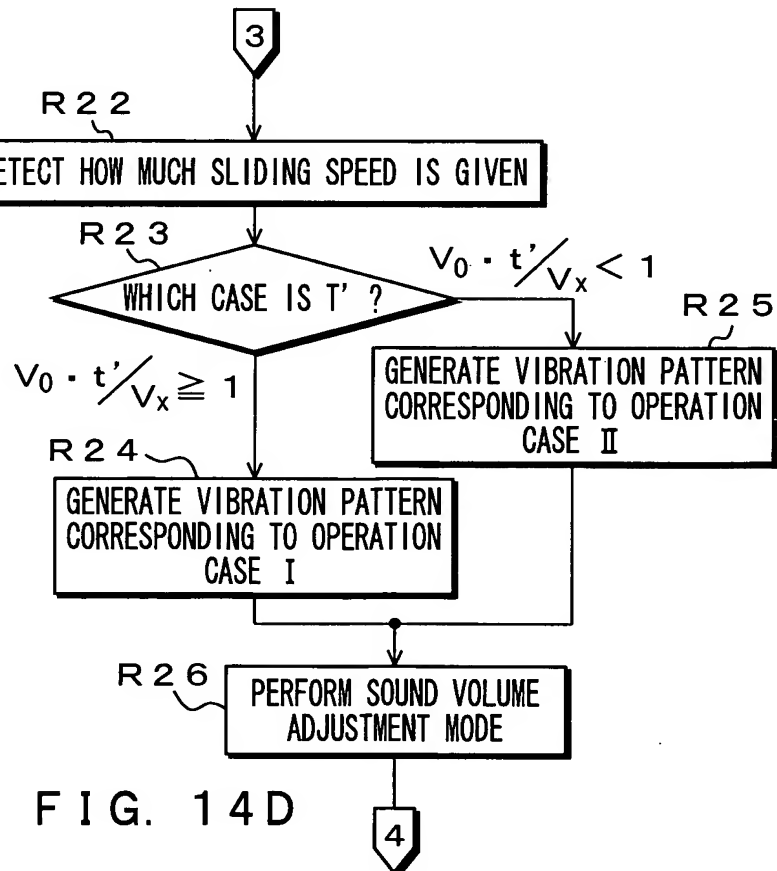
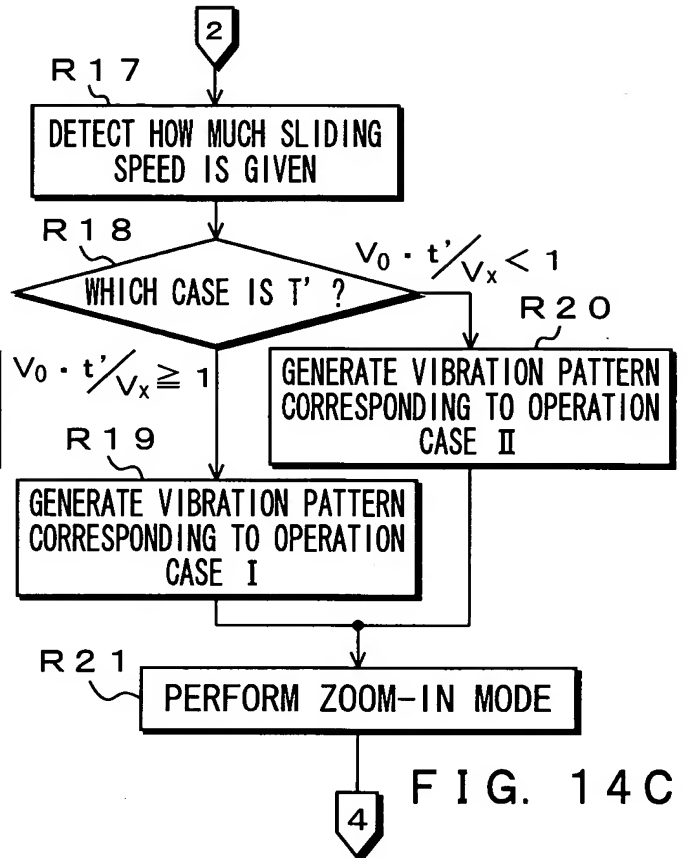
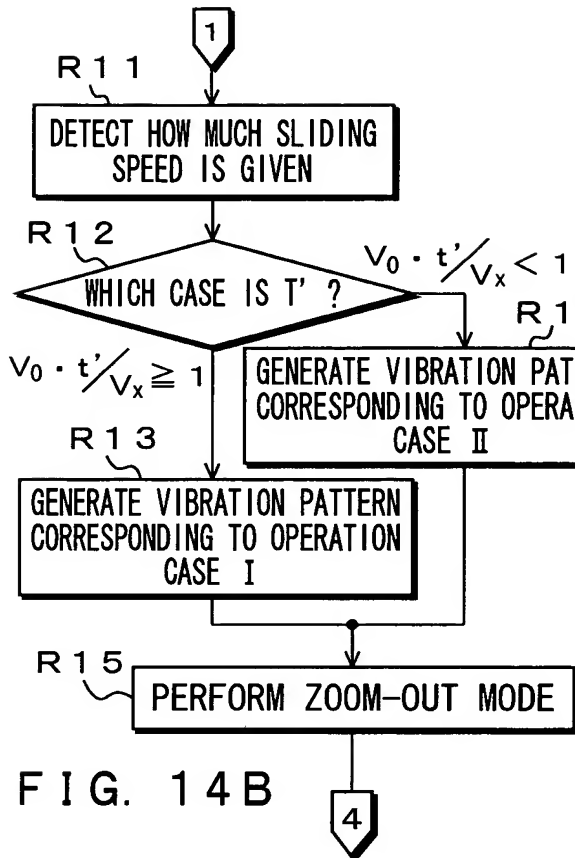


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FIG. 14A

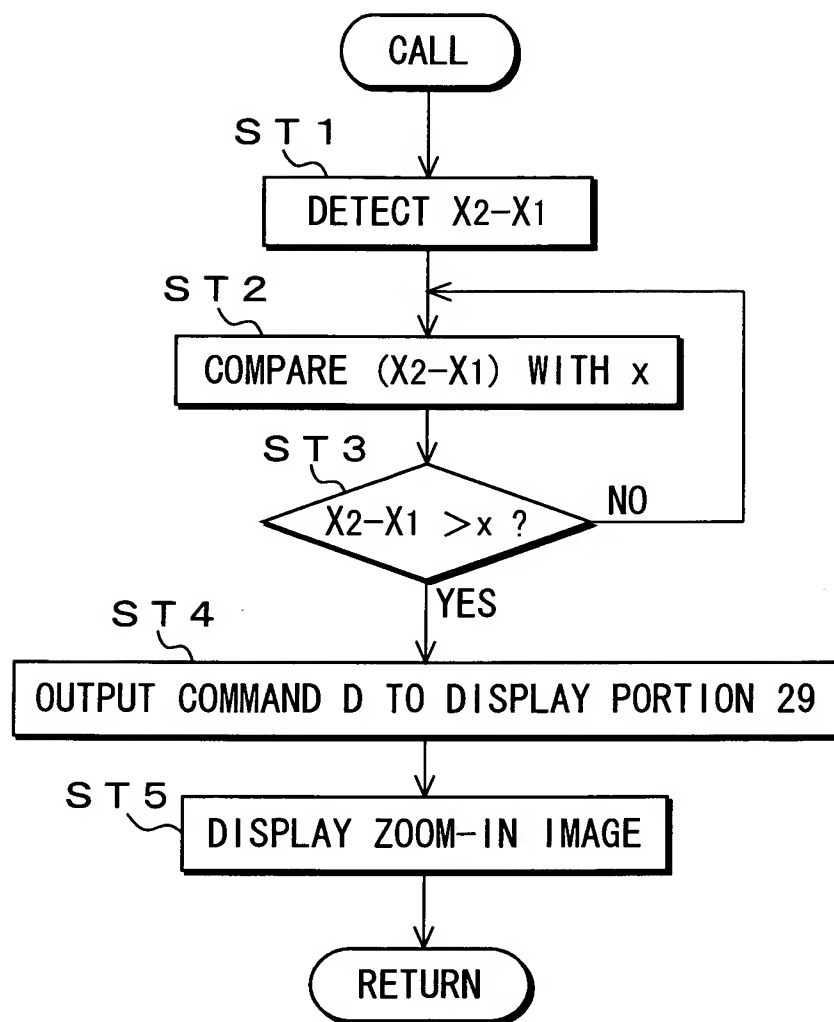


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FIG. 15



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FIG. 16

